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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/728,578	11/30/2000	Peter Bishop	ELX-64	4338

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EXAMINER
NGUYEN, LEE

ART UNIT	PAPER NUMBER
2682	9

DATE MAILED: 04/10/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/728,578	BISHOP ET AL.	
	Examiner	Art Unit	
	LEE NGUYEN	2682	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____ .

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) 1-33 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) 1-10,12-16,21-23 and 25-29 is/are rejected.

7)☒ Claim(s) 11,17-20,24 and 30-33 is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____ .

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .
4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: .

DETAILED ACTION

Information Disclosure Statement

1. The IDS filed 2/1/2001, 9/16/2002, 11/18/2002, papers No. 6, 7, 8, respectively has been considered and recorded in the file.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-3 and 10 are rejected under 35 U.S.C. 102(b) as being anticipated by Schwartz et al. (US 5,894,597).

Regarding claim 1, Schwartz teaches a card reader (fig. 1), comprising: a housing 102; a first set of electrical contacts 106 (fig. 2 and col. 5, line 16) carried upon the housing; a second set of electrical contacts 416 (fig. 4/~~5~~, col. 4, line 60) carried upon the housing; a first card holder slide assembly 110 (fig. 1) adapted to receive a first electronic card 108; and a

second card holder slide assembly 104 adapted to receive a second electronic card 101.

Regarding claim 2, Schwartz also teaches that the first electronic card comprises a subscriber identity module (SIM) card (col. 2, line 31).

Regarding claim 3, Schwartz also teaches that both the first and second electronic cards comprise subscriber identity module (SIM) cards (col. 2, lines 31-32).

Regarding claim 10, Schwartz teaches an electronic card reader (fig. 1) for a mobile communications device, comprising: a housing 102; an electrical assembly, the assembly comprising a first set of electrical contacts 106 (fig. 2) and a second set of electrical contacts 416 (fig. 4) carried upon the housing, further wherein said electrical contacts are adapted for flexible engagement (fig. 5); a first card holder slide assembly 110 (fig. 1) adapted to receive a first subscriber identity module (SIM) electronic card 108; a second card holder slide assembly 104 adapted to receive a second subscriber identity module (SIM) electronic card 101; wherein the first set of electrical contacts engage the first SIM card and the second set of electrical contacts engage the second SIM card (col. 2, lines 31-32).

4. Claims 1-10, 12-13, 15-16, 21-23, 25-26 and 28-29 are rejected under 35 U.S.C. 102(a) as being anticipated by Lu (DE 20009217) submitted by Applicant.

Regarding claim 1, Lu teaches a card reader 2 (fig. 2), comprising: a housing 2; a first set of electrical contacts 22a (fig. 5) carried upon the housing; a second set of electrical contacts 23a carried upon the housing; a first card holder slide assembly (22, fig. 5)) adapted to receive a first electronic card 31; and a second card holder slide assembly (23, fig. 5) adapted to receive a second electronic card 32.

Regarding claim 2, Lu also teaches that the first electronic card comprises a subscriber identity module (SIM) card (abstract).

Regarding claim 3, Lu also teaches that both the first and second electronic cards comprise subscriber identity module (SIM) cards (abstract).

Regarding claim 4, Lu also teaches that the first and second electronic cards are substantially the same size (fig. 5).

Regarding claim 5, Lu also teaches that the first set of electrical contacts and the second set of electrical contacts are carried upon a common electrical assembly 20 (fig. 5).

Regarding claim 6, Lu further teaches that the electrical contacts comprise elongated contact elements 22a, 23a (fig. 5).

Regarding claim 7, Lu also teaches that the elongated contact elements further comprise curved, resilient contact tips adapted for electrical communication with said electronic cards (see fig. 5, numerals 22a, 23a).

Regarding claim 8, Lu also teaches that the elongated contact elements electrically engage said first and second electronic cards at multiple contact points (22a, 23a, fig. 5).

Regarding claim 9, Lu also teaches that the reader operates in a cellular telephone (fig. 1).

Regarding claim 10, Lu teaches an electronic card reader 2 (fig. 1) for a mobile communications device, comprising: a housing 20 (fig. 1); an electrical assembly 20 (fig. 5), the assembly comprising a first set of electrical contacts 22a and a second set of electrical contacts 23a carried upon the housing, further wherein said electrical contacts are adapted for

flexible engagement; a first card holder slide assembly 22 adapted to receive a first subscriber identity module (SIM) electronic card 31; a second card holder slide assembly 23 adapted to receive a second subscriber identity module (SIM) electronic card 32; wherein the first set of electrical contacts engage the first SIM card and the second set of electrical contacts engage the second SIM card (fig. 5).

Regarding claim 12, Lu also teaches the SIM cards are substantially rectangular in shape (fig. 5).

Regarding claim 13, Lu also teaches that said first and second card holder slide assemblies each comprise a flat base with a plurality of side walls, further wherein the first and second SIM cards each are adapted for placement in a position upon the flat base of the first and second card holder slide assemblies, respectively, such that the SIM cards are oriented substantially between side walls and securely within said holder slide assemblies (see fig. 5).

Regarding claim 15, Lu also teaches that said first set of electrical contacts are elongated and are provided in a substantially parallel arrangement (numeral 22a, fig. 5).

Regarding claim 16, Lu also teaches that the elongated electrical contacts each comprise a proximal end and a distal end, wherein the distal ends of said elements are curved to facilitate resilient engagement with said SIM cards (22a, fig. 5).

Regarding claim 21, Lu teaches a method of engaging an electronic subscriber identification module (SIM) card to a mobile communications device, comprising : providing a housing 2 (fig. 2); providing a first set of electrical contacts 22a (fig. 5) carried upon the housing; providing a second set of electrical contacts 23a (fig. 5) carried upon the housing; providing a first card holder slide assembly 22 (fig. 5) adapted to receive a first SIM card 31; and providing a second card holder slide assembly 23 (fig. 5) adapted to receive a second SIM card 32; inserting the first SIM card 31 into the first card holder slide assembly 22 to form a first loaded slide assembly (fig. 5); placing the first loaded slide assembly into operative position within the housing 20; and engaging the first set of electrical contacts 22a with the first SIM card 31 (fig. 5).

Regarding claim 22, Lu also teaches inserting the second SIM card into 32 the second card holder slide assembly 23 to form a second loaded slide assembly; placing the second loaded slide assembly into operative

position within the housing 20 (fig. 5); and engaging the second set of electrical contacts 23a with the second SIM card 32 (fig. 5).

Regarding claim 23, this method claim is interpreted and rejected for the same reason as set forth in the apparatus claim 10.

Regarding claim 25, the claim is interpreted and rejected for the same reason as set forth in claim 12.

Regarding claim 26, the claim is interpreted and rejected for the same reason as set forth in claim 13.

Regarding claim 28, the claim is interpreted and rejected for the same reason as set forth in claim 15.

Regarding claim 29, the claim is interpreted and rejected for the same reason as set forth in claim 16.

5. Claims 10, 14, 21-23, 27 are rejected under 35 U.S.C. 102(a) as being anticipated by Tu (DE 20013259) submitted by Applicant.

Regarding claim 10, Tu teaches an electronic card reader 18 (fig. 4) for a mobile communications device, comprising: a housing 18 (fig. 1); an electrical assembly 14 (fig. 4), the assembly comprising a first set of electrical contacts 14 and a second set of electrical contacts 14 carried

upon the housing 18, further wherein said electrical contacts are adapted for flexible engagement; a first card holder slide assembly (see holder for 12, fig. 4) adapted to receive a first subscriber identity module (SIM) electronic card 12; a second card holder slide assembly 14 (see holder for 12) adapted to receive a second subscriber identity module (SIM) electronic card 12; wherein the first set of electrical contacts engage the first SIM card and the second set of electrical contacts engage the second SIM card (fig. 4).

Regarding claim 14, Tu also teaches that at least one card holder slide assembly comprises an aperture window (fig. 2).

Regarding claim 21, Tu teaches a method of engaging an electronic subscriber identification module (SIM) card to a mobile communications device, comprising : providing a housing 18 (fig. 4); providing a first set of electrical contacts 14 carried upon the housing; providing a second set of electrical contacts 14 carried upon the housing; providing a first card holder slide assembly (holder for 12, fig. 4) adapted to receive a first SIM card 12; and providing a second card holder slide assembly (holder for second SIM 12, fig. 4) adapted to receive a second SIM card 12; inserting the first SIM card 12 into the first card holder slide assembly to form a first loaded slide

assembly (fig. 4); placing the first loaded slide assembly into operative position within the housing 18; and engaging the first set of electrical contacts 14 with the first SIM card 12 (fig. 4).

Regarding claim 22, Tu also teaches inserting the second SIM card into 12 the second card holder slide assembly to form a second loaded slide assembly; placing the second loaded slide assembly into operative position within the housing 18 (fig. 4); and engaging the second set of electrical contacts 14 with the second SIM card 12 (fig. 4).

Regarding claim 23, this method claim is interpreted and rejected for the same reason as set forth in the apparatus claim 10.

Regarding claim 27, the claim is interpreted and rejected for the same reason as set forth in claim 14.

Allowable Subject Matter

6. Claims 11, 17-20, 24, 30-33 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Regarding claim 11, the prior art of record fails to teach the first and second card holders assembly as claimed.

Regarding claim 17, the prior art of record fails to teach the configuration of the first and second set of electrical contacts as claimed.

Regarding claim 24, the claim is allowable for the same reason as set forth in claim 11.

Regarding claim 30, the claim is allowable for the same reason as set forth in claim 17.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LEE NGUYEN whose telephone number is (703)-308-5249. The examiner can normally be reached on 8:00 AM - 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, VIVIAN CHIN can be reached on (703) 308-6739. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4700.

LEE NGUYEN lnn 3/29/03
Primary Examiner
Art Unit 2682